

BARNOWL SPOTLIGHT SESSION: BARNOWL POWER BI AND SSRS STANDARD REPORT PACKS



27 July 2023

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AGENDA

1. Introduction
2. Reporting Tools Required
3. BarnOwl Standard Report Packs
 - Risk Management
 - Internal Audit
4. Additional Comments and Next steps
5. Q&As

INTRODUCTION

- Explore the capabilities of Power BI – A Free BI tool from Microsoft
- Use Power BI to effortlessly visualize and analyze the data in BarnOwl
- BarnOwl Standard Power BI Report Packs for ERM, IA and Surveys
- Leading to smarter business insights
- SSRS Reports – for traditional Word, Excel or PDF style reports – are available on request

REPORTING TOOLS REQUIRED

Microsoft Power BI

- Microsoft Power BI Desktop (free)
<https://www.microsoft.com/en-us/download/details.aspx?id=58494>
- Power BI Report Server (additional costs)
Find more details here: <https://powerbi.microsoft.com/en-us/report-server/>

SSRS (SQL Server Reporting Services)

- Microsoft Report Builder (free)
<https://learn.microsoft.com/en-us/sql/reporting-services/install-windows/install-report-builder?view=sql-server-ver16>
- SSRS hosted server (additional costs)
<https://learn.microsoft.com/en-us/sql/reporting-services/reports/publishing-reports-to-a-report-server?view=sql-server-ver16>



WHY MS POWER BI REPORTS?

INTERACTIVE

Highly interactive and dynamic. Users can drill down, filter, and explore the data on the fly, interacting with the visualizations and changing the scope of analysis.

MODERN VISUALISATIONS

Modern and rich data visualizations, offering a wide range of customizable charts, graphs, and visuals, providing a more engaging and compelling way to present data.

SHARING

Reports can be deployed to the Power BI service in the cloud, allowing for easy sharing and collaboration among users within and outside the organization.



STANDARD POWER BI DASHBOARDS (directly from the BarnOwl database)

- BarnOwl Risk, Compliance and Audit Power BI dashboards at no additional cost.
- The user needs to have downloaded Microsoft Power BI desktop (free version) in order to view the BarnOwl dashboards. In some cases, your IT department have will have Power BI server which has further advantages.
- Whilst we (BarnOwl) will show you the basics of how to use the BarnOwl Power BI dashboards, BarnOwl does not provide or offer training on Power BI (in the same way that we do not offer Excel training).
- The Client is welcome to request customisations to the standard BarnOwl Power BI dashboards on a quotation or Platinum services basis
- The Client is welcome to make their own changes to the Power BI dashboards. Note: Always work on a copy of the original. BarnOwl does not support client modified dashboards.
- BarnOwl's standard Power BI dashboards run directly off the BarnOwl database (as opposed to the BarnOwl warehouse). With a simple 'refresh' they pull in the latest (current) data from the BarnOwl database.



ADVANCED POWER BI DASHBOARDS (off the BarnOwl Warehouse)

- The BarnOwl data warehouse provides more advanced Power BI dashboards. The BarnOwl data warehouse has a license cost associated with it.
- The BarnOwl data warehouse gives you a snapshot of the database on a day-by-day basis and can show you what the data looked like at a specific point in time. This includes deleted objects.
- The BarnOwl data warehouse is typically refreshed after hours by a batch job (service), so changes to the data are not immediately reflected in the warehouse Power BI dashboards.
- The BarnOwl data warehouse is ideal for advanced trend reports.

WHY SSRS REPORTS?

STATIC

Typically static in nature. Reports can be parameterized to some extent which makes it ideal for print-based reports.

ON-PREMISE DEPLOYMENT

Can be deployed on-premises, giving organizations control over their reporting infrastructure and data security.

EXPORT

Reports can easily be exported to PDF, or Microsoft Word or Excel for further editing.



SSRS REPORTS (SQL Server Reporting Services) (directly off the BarnOwl database)

- SSRS reports are tabular in nature as opposed to the graphical drill-down interactive Power BI dashboards.
- BarnOwl now provides a few standard SSRS reports at no additional cost.
- SSRS is included as part of Microsoft SQL server integration services at no additional cost; however integration services does require some configuration by the Client IT department.
- The Client is welcome to request customisations to the standard BarnOwl SSRS reports on a quotation or Platinum services basis.
- BarnOwl's SSRS reports run directly off the BarnOwl database (as opposed to the BarnOwl warehouse). They are always 'live' with no need to refresh data.



BARNOWL STANDARD REPORT PACKS

1. BarnOwl MS Power BI Report Packs

- BarnOwl Risk Management
- BarnOwl Internal Audit
- BarnOwl Surveys

2. BarnOwl SSRS Standard Report Packs

- Risk Management

SUMMARY AND NEXT STEPS

In summary, Power BI reports are better suited for interactive data exploration, data visualization, and cloud-based sharing, while SSRS reports are well-suited for traditional paginated reporting with a focus on relational data sources and on-premises deployment.

NEXT STEPS

- Recommended: Upgrade to the latest version (V11).
- Log ticket (support@barnowl.co.za) and include your Account Manager to receive the standard report packs (no additional costs).
- All customisations will be quoted for.
- Other BarnOwl reporting options: Excel reports / extracts and custom queries can be quoted on.



THANK YOU

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<https://barnowl.co.za/barnowl-knowledge-base/>